Team Wind: Leiyi Gao, Miho Shimizu, Sungho Lee, Steven Liao, Tyler Heslop

1) team meeting schedule and venues

Every Friday at 2pm inside of Library

2) choice of OS/IDE

Visual Studio Code

3) choice of ITK types or any other tools

ImageJ and ITK Snap, "Simple ITK"

4) choice of code sharing methods (git etc)

https://github.com/tylerjheslop/CSC621-Team-Wind.git

5) summary of overall goal of your system

Using Segmentation, Registration and Quantification to build an Imaging analysis program.

6) specify data to be used

All the DICOM data that we downloaded.

7) for segmentation, registration, quantification, specify subgoals/target/choice of algorithms to be implemented and tested.

Using ITK Snap/ImageJ to complete Segmentation. Python operates algorithms.

8) methods for validating/experimenting developed systems.

We will use our algorithms to analyze the patient's image, and point out the diseases. We will apply more knowledge as we keep studying on such a topic to ensure our accuracy is over 90%. Also we will compare our analysis scripts with the Json file that the professor provided regarding professional diagnoses.

(How do we ensure the images are correct, the correct response answer. Future lectures will teach us more.)

9) personnel: who is responsible for which work?

Segmentation: Leiyi Gao and Steven Liao

Registration: Sungho Lee, Miho Shimizu, Tyler Heslop

Quantification: All teammates work together.

All processes could be changed in the future.

10) milestones: give time deadlines for milestones of the work

Segmentation: 3 weeks Due Date: March 12th

Registration: 6 weeks Due Date: April 20th

Quantification: 10 weeks Due Date: May 1st.

11) team lead if you elected one.

None, we don’t want to put anyone under pressure. We’re all leaders here